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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Docket No: Q76550
Toshiki TAGUCHI	Group Art Unit: 1755
Appln. No.: 10/617,818	Examiner: Veronica F. Faison
Confirmation No.: 5231	Patent No.: 7,052,534
Filed: July 14, 2003	Issue Date: May 30, 2006

For: INK FOR INKJET RECORDING, INK SET FOR INKJET RECORDING AND INKJET RECORDING METHOD

REQUEST FOR CERTIFICATE OF CORRECTION

ATTN: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 C.F.R. § 1.322, please enter the attached Certificate of Correction.

Particularly a correction is necessary to claim 1 (see col. 33, line 33) to correct the recitation "formulae (1) to (2):" to read -- formulae (1) to (9): --.

Since the errors noted are believed to be the fault of the Patent and Trademark Office, we are not enclosing the $100.00 Certificate of Correction fee. If it is found to be to the contrary, please charge our Deposit Account No. 19-4880.

In view of the foregoing, issuance of the Certificate of Correction is respectfully requested.

Respectfully submitted,

Joseph J. Ruch, Jr.
Registration No. 26,577

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE
23373
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Date: November 9, 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO: 7,052,534

DATED: May 30, 2006

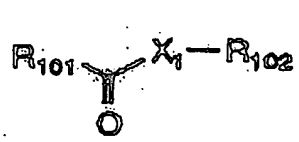
INVENTOR(S): Toshiki TAGUCHI

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

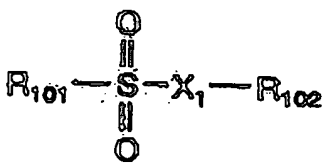
In column 38, please amend claim 1 to read as follows:

1. (previously presented): An ink for inkjet recording, comprising a dye, water, a water-miscible organic solvent and a precursor of acid;

wherein the precursor of acid is a compound showing no acidity at the time of preparation and storage of the ink, but is capable of releasing acids by a reaction after aging or printing, or is capable of rendering the ink system acidic as a result of the reaction, and the precursor of acid includes at least one compound represented by the following formulae (1) to (9):



(1)



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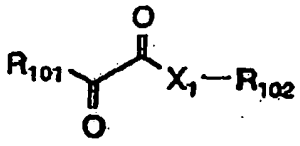
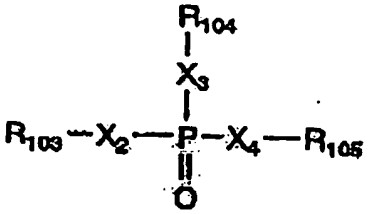
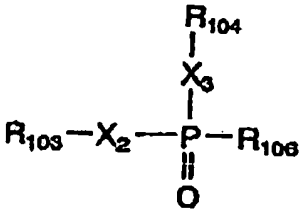


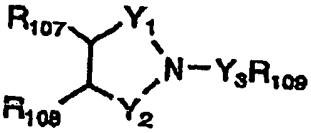
(3)



(4)



(5)



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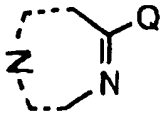

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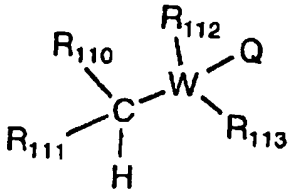
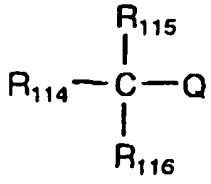


(8)



(9)

wherein R_{101} represents an alkyl group, an alkenyl group, an alkynyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group or an arylthio group, and the groups may have a substituent;

R_{102} to R_{106} and R_{109} each represent an alkyl group, an alkenyl group, an alkynyl group, an aryl group or heterocyclic group, and the groups may have a substituent;

R_{107} and R_{108} each represent a hydrogen atom, a chemical bond forming a double bond by being linked together, a halogen atom, an alkyl group, an alkenyl group, an alkynyl group, an aryl group or a heterocyclic group, and the groups may have a substituent, and two of R_{107} and R_{108} may form a ring by combining with each other;

X_1 to X_4 each represent an oxygen atom, a nitrogen atom, a sulfur atom, or a group represented by $-N(R_{119})-O-$ or $-O-N(R_{119})-$; R_{119} represents a hydrogen atom, an alkyl group, an aryl group or a heterocyclic group;

Y_1 to Y_3 each represent a carbonyl group, a sulfonyl group, or a group represented by $-PO(R_{120})R_{121}$; R_{120} and R_{121} each represent an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group or an arylthio group;

Z represents atoms capable of forming an aromatic heterocyclic ring; Q represents a halogen atom, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an amino group, an acyloxy group, an alkylsulfonyloxy group or an arylsulfonyloxy group:

W represents a carbon atom or a nitrogen atom; Q has the same definition as described above; R_{110} and R_{111} each represent a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group;

R_{112} and R_{113} each represent a hydrogen atom, a halogen atom, or an alkyl group, an aryl group, a heterocyclic group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group;

Q has the same definition as described above; R_{114} represents an alkyl group, an aryl group, a heterocyclic group, an acyl group, an alkylsulfonyl group, an arylsulfonyl group, a phosphoric acid group, an alkylphosphonic acid group, an arylphosphonic acid group, a dialkylphosphonic acid group or a diarylphosphonic acid group; and

R_{115} and R_{116} each represent a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group; and

the ink comprises the precursor of acid in an amount of 0.01 to 20 wt%.

MAILING ADDRESS OF SENDER:
SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER

PATENT NO. 7,052,534

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